



Wastewater
Treatment



TRANSFORMING
WASTEWATER
TO RESOURCES



Recycled
Water



Energy
Production



Biosolids
Reuse



Secondary Process Improvements Phase 1 Project

Construction Services Contract and Consulting Services Contracts

Board of Directors Meeting
September 9, 2026

Background

SECONDARY PROCESS IMPROVEMENTS PHASE 1 IS A MAJOR MODERNIZATION OF THE DISTRICT'S SECONDARY TREATMENT PROCESS

- Replaces the existing **tower trickling filters** with additional aeration basin volume
- Expands secondary treatment **capacity** and improves process **reliability**
- Provides the treatment infrastructure necessary to support **biological nutrient removal**
- Replaces and improves aging process, pumping, electrical, and control systems

SPI Phase 1 positions the District for reliable secondary treatment and nutrient removal in advance of upcoming regulatory requirements.



Transition to Construction

A MAJOR PROJECT MILESTONE



PLANNING AND DESIGN
Complete



COMPETITIVE BIDDING
Complete



CONSTRUCTION
Beginning October 2026
Est. Completion May 2031

Recommended contract approvals are
necessary to transition into the
construction phase



Competitive Bid Results

Prequalified Contractors: **10**

Bid Date: **August 19, 2026**

Bids Received: **4**



\$165.0M

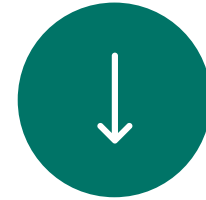
Engineer's Estimate



\$164.7M

Flatiron Dragados Bid

Lowest Monetary Bidder



0.2% Below

Engineer's Estimate

\$285,000 below estimate

Competitive Procurement Process

- ✓ Contractor prequalification completed in May 2026
- ✓ Bid advertisement began June 25, 2026
- ✓ Mandatory pre-bid conference held July 15, 2026
- ✓ Competitive bids between -0.2% and 11.2% of Engineer's Estimate
- ✓ Staff recommends awarding the construction contract to **Flatiron Dragados Constructors, Inc.** in the amount of \$164,715,000

Consulting Services Contracts



HDR Engineering, Inc. – Engineering Services During Construction

- Provides engineering support during construction to clarify design intent, resolve differing field conditions, review equipment submittals, and address changes to the contract documents
- Supports timely resolution of issues and helps minimize impacts to construction cost and schedule



Carollo Engineers, Inc. – Control Systems Programming Services

- Provides PLC and SCADA programming in coordination with the contractor's control system integration team
- Supports factory acceptance testing and on-site startup
- Ensures programming consistency to support new equipment commissioning and ongoing operations and maintenance

Recommendation Actions



- **Approve** project design, **Award** and **Authorize** General Manager to Execute Construction Services Contract in an Amount Not to Exceed \$164,715,000 with Flatiron Dragados Constructors, Inc.; **Authorize** General Manager to Approve Construction Contract Change Orders in an Amount Not to Exceed 2.5% of Contract Amount; and **Take** Related Actions listed in Board docket for the Secondary Process Improvements Phase 1 Project
- **Authorize** the General Manager to execute a Consulting Services Contract with HDR Engineering, Inc. to provide engineering services during construction for the Secondary Process Improvements Phase 1 Project in an amount not to exceed \$7,393,599.
- **Authorize** the General Manager to execute a Consulting Services Contract with Carollo Engineers, Inc. to provide control systems programming services for the Secondary Process Improvements Phase 1 Project in an amount not to exceed \$2,287,969.